

# Introduction to 4GL Development Environment

Part : 3

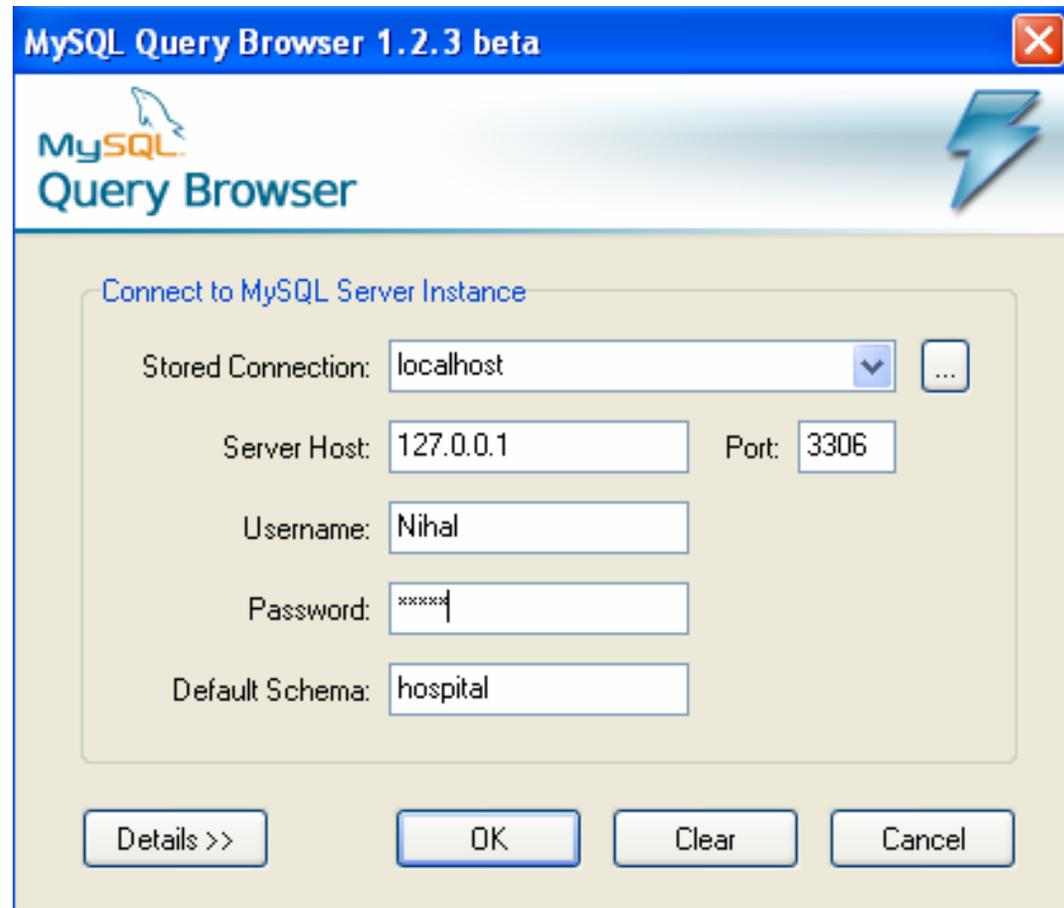
Duration : 06hrs

# MYSQL Query Browser

- After Creating Users using the SQL Administrator open the MYSQL Query Browser to query and analyze data stored within your MySQL database.
- To Open MYSQL Query Browser follow the following path.
  - *Start>>All Programs>>MYSQL>>MYSQL Query Browser*
- The MySQL Query Browser is a graphical tool provided by MySQL AB for creating, executing, and optimizing queries in a graphical environment.
- While all queries executed in the MySQL Query Browser can also be run from the command-line using the **mysql** utility, the MySQL Query Browser allows for the querying and editing of data in a more intuitive, graphical manner.

- **Connection Dialog**

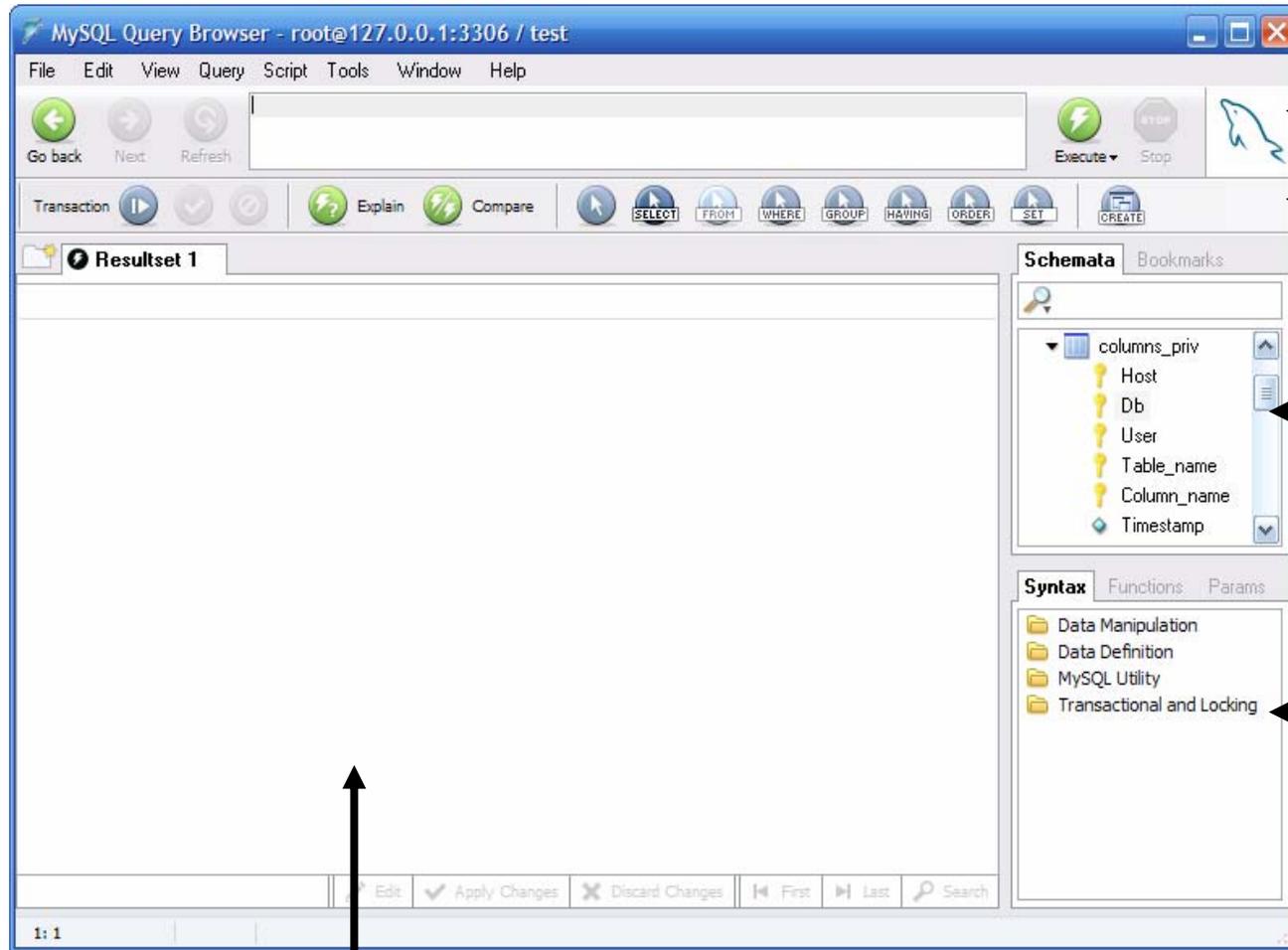
- Once MySQL Query Browser has been started, it displays a connection dialog window.



The screenshot shows the 'MySQL Query Browser 1.2.3 beta' connection dialog window. The window title bar is blue with a close button (X) on the right. Below the title bar is a header area with the MySQL logo and the text 'Query Browser' on the left, and a blue lightning bolt icon on the right. The main content area is titled 'Connect to MySQL Server Instance' and contains several input fields: 'Stored Connection' (a dropdown menu showing 'localhost' and a '...' button), 'Server Host' (text box with '127.0.0.1'), 'Port' (text box with '3306'), 'Username' (text box with 'Nihal'), 'Password' (text box with masked characters 'xxxxx'), and 'Default Schema' (text box with 'hospital'). At the bottom of the dialog are four buttons: 'Details >>', 'OK', 'Clear', and 'Cancel'.



- Once you successfully connect to a MySQL server you are presented with the main query window of the MySQL Query Browser.



← Query Tool bar

← Advanced Tool bar

← Object Browser

← Information Browser

Result area



- **MySQL Query Area**

- where the text of all queries and statements are displayed.
- Maximize the query area - Press the **F11** key or Choose Maximize Query Area from the View menu.
- Restore the query area - Press the **F11** key again.

The screenshot displays the MySQL Query Area interface. On the left, there are three navigation buttons: "Go back" (left arrow), "Next" (right arrow), and "Refresh" (circular arrow). The central area contains a SQL query:

```
SELECT City.Name AS CityName,  
Country.Name AS CountryName,  
City.Population AS CityPopulation  
FROM City, Country  
WHERE City.CountryCode = Country.Code  
AND City.Name LIKE 'B%'  
AND Country.Name BETWEEN 'A' AND 'G'  
AND City.Population BETWEEN 1000 AND 200000  
AND Country.Population > 30000  
ORDER BY City.Population
```

On the right side, there are two action buttons: "Execute" (lightning bolt icon) and "Stop" (STOP sign icon). A bracket groups these two buttons under the label "Action Buttons". Above the "Execute" and "Stop" buttons, there is a "Status Indicator" (a blue fish icon) with an arrow pointing to it from the label "Status Indicator".

# MS Access - Forms

Categories

Category Name:  Picture: 

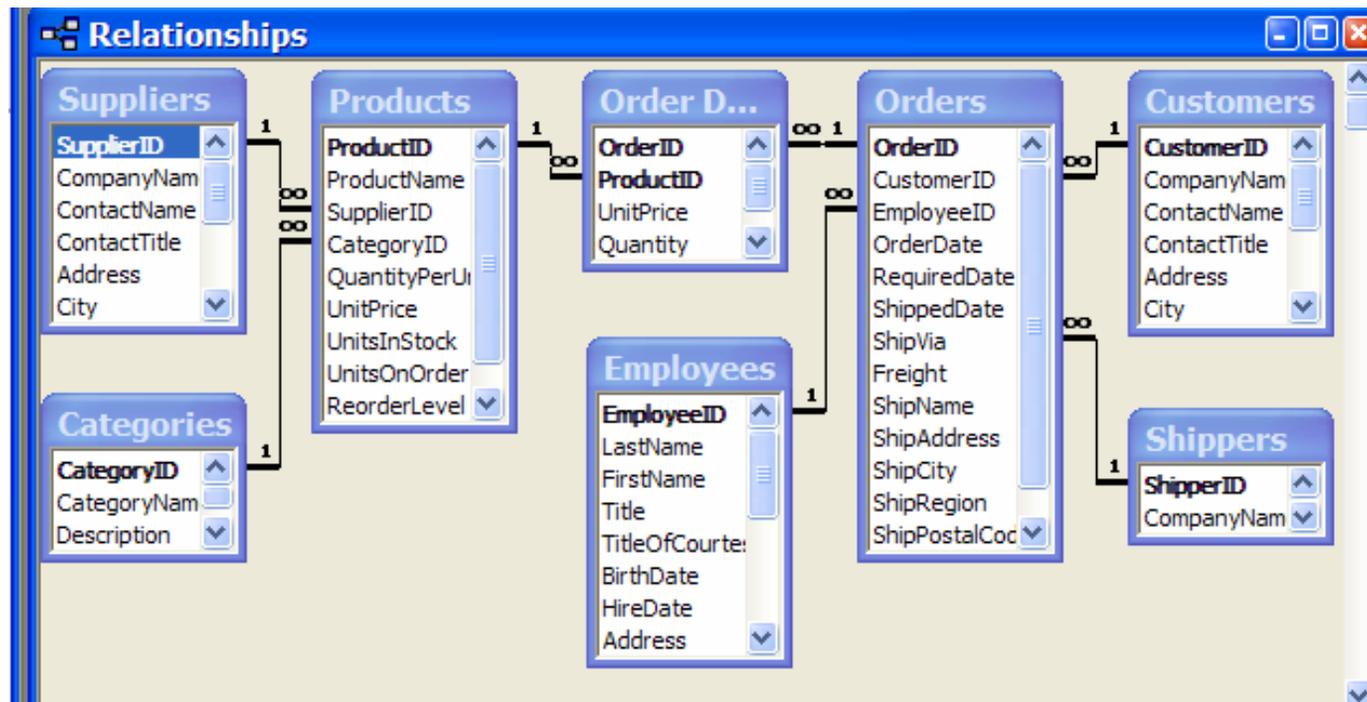
Description: Sweet and savory sauces, relishes, spreads, and seasonings

Picture: 

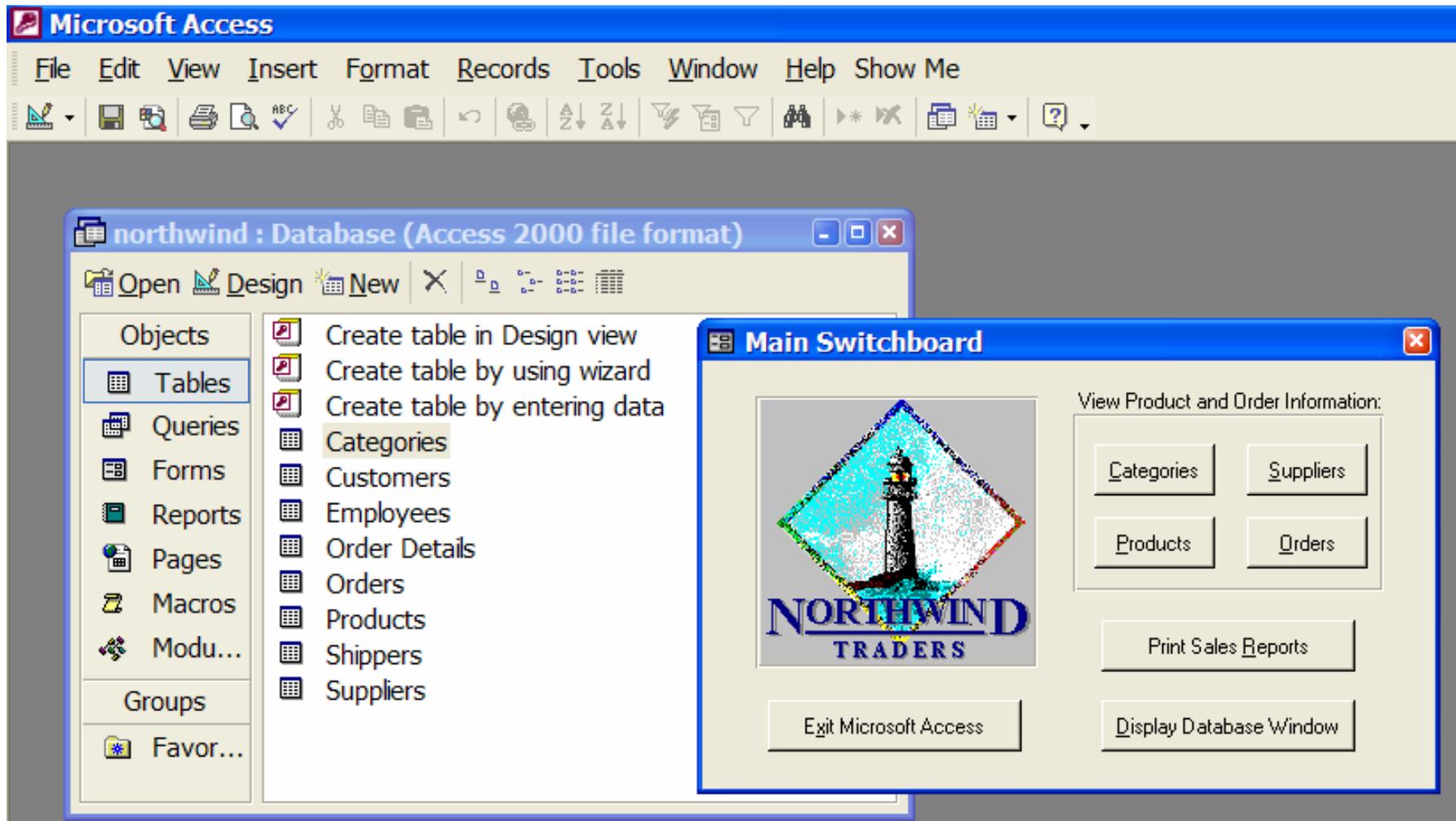
	Category ID	Category Name	Description	Picture
Product	+	1 Beverages	Soft drinks, coffees, teas, beers, and ales	Bitmap Image
Quantity P	+	2 Condiments	Sweet and savory sauces, relishes, spreads, and seasonings	Bitmap Image
	+	3 Confections	Desserts, candies, and sweet breads	Bitmap Image
Product	+	4 Dairy Products	Cheeses	Bitmap Image
Quantity P	+	5 Grains/Cereals	Breads, crackers, pasta, and cereal	Bitmap Image
	+	6 Meat/Poultry	Prepared meats	Bitmap Image
	+	7 Produce	Dried fruit and bean curd	Bitmap Image
	+	8 Seafood	Seaweed and fish	Bitmap Image
*	(AutoNumber)			

# MS Access - Relationships

To integrate data and provide required information



# MS Access - Menu



# Sample Report



Alphabetical List of Products - Microsoft Internet Explorer - [Working Offline]

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media

Address C:\Documents and Settings\gihanw\My Documents\Products.htm Go Links

### Alphabetical List of Products

14-Apr-05

**A**

Product Name:	Category Name:	Quantity Per Unit:	Units In Stock:
Aniseed Syrup	Condiments	12 - 550 ml bottles	13

**B**

Product Name:	Category Name:	Quantity Per Unit:	Units In Stock:
Boston Crab Meat	Seafood	24 - 4 oz tins	123

**C**

Product Name:	Category Name:	Quantity Per Unit:	Units In Stock:
Camembert Pierrot	Dairy Products	15 - 300 g rounds	19
Carnarvon Tigers	Seafood	16 kg pkg.	42
Chai	Beverages	10 boxes x 20 bags	39
Chang	Beverages	24 - 12 oz bottles	17
Chartreuse verte	Beverages	750 cc per bottle	69
Chef Anton's Cajun Seasoning	Condiments	48 - 6 oz jars	53
Chocolade	Confections	10 pkgs.	15
Côte de Blaye	Beverages	12 - 75 cl bottles	17

**E**

Product Name:	Category Name:	Quantity Per Unit:	Units In Stock:
Escargots de Bourgogne	Seafood	24 pieces	62

**F**

Product Name:	Category Name:	Quantity Per Unit:	Units In Stock:
Filo Mix	Grains/Cereals	16 - 2 kg boxes	38
Flotemysost	Dairy Products	10 - 500 g pkgs.	26

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Done My Computer

